ABSTRACT OF THE DISCLOSURE

A computer based method of biometric analysis which compares a first vector from a first biometric sample with a second vector from a second biometric sample. The vectors have at least one biometric feature. A method which compares two biometric samples. The samples form at least one cluster of at least one vector based on feature similarities between the samples. An apparatus incorporating a means for performing the method taught herein. A computer-readable medium and a propagated computer data signal transmitted via a propagation medium, with instructions which when executed by a processor, carry out the method of the present invention. A method of handwriting analysis which calculates a first metric from a first vector having at least one feature from a sample, calculates a second metric from a second vector having at least one feature from a second sample, and calculates the distance in two-dimensional feature space between metrics.

5

10

15

20